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(21) International Application Number: PCT/US00/00609 (22) International Filing Date: 11 January 2000 (11.01.00) (30) Priority Data: 60/115,886 14 January 1999 (14.01.99) US (71) Applicant (for all designated States except US): AMCOL INTERNATIONAL CORPORATION [US/US]; 1500 West Shure Drive, Arlington Heights, IL 60004 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): SOJKA, Milan, F. [US/US]; 775 Yorktown, Algonquin, IL 60102 (US). SPINDLER, Ralph [US/US]; 24140 Lakeside Drive, Lake Zurich, IL 60047 (US). (74) Agent: NAPOLI, James, J.; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> (88) Date of publication of the international search report: 2 November 2000 (02.11.00)
(54) Title: IMPROVED CONTROLLED RELEASE COMPOSITIONS AND METHOD (57) Abstract A controlled release composition comprising an adsorbent polymer, an active agent, and a release retardant is disclosed. The composition has an improved ability to release the active agent over an extended time period.		

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INTERNATIONAL SEARCH REPORT

In tional Application No
PCT/US 00/00609

A. CLASSIFICATION OF SUBJECT MATTER

A61K9/22, C08F2/18, C08F20/18

According to International Patent Classification (IPC) or to both national classification and IPC 7

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61K, C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5387411 A (ABRUTYN ET AL.) 07 February 1995, abstract, column 4, lines 19-50, column 6, lines 11-15, column 7, line 56 - column 8, line 48, claims. --	1-14, 16, 19, 20
X	US 5830960 A (SOJKA) 03 November 1998, abstract, column 10, lines 31-40, examples 4-6, claims (cited in the application). --	1-11, 13, 14, 16, 18, 20
X	US 5830967 A (SOJKA) 03 November 1998, abstract, column 1,	1-12, 14-16, 18, 20

☒ Further documents are listed in the continuation of box C.

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Date of the actual completion of the international search

08 May 2000

Date of mailing of the international search report

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International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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	lines 17-45, column 10, lines 2-27, column 11, line 4 - column 12, line 21; claims (cited in the application). --	
X	WO 96/14058 A (EURO-CELTIQUE, S.A.) 17 May 1996, abstract, claims. --	1,2, 11-16, 18
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ANHANG

Zum internationalen Recherchenbericht über die internationale Patentanmeldung Nr.

ANNEX

To the International Search Report to the international Patent Application No.

ANNEXE

Au rapport de recherche international relatif à la demande de brevet international n°

PCT/US 00/00609 SAE 271165

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